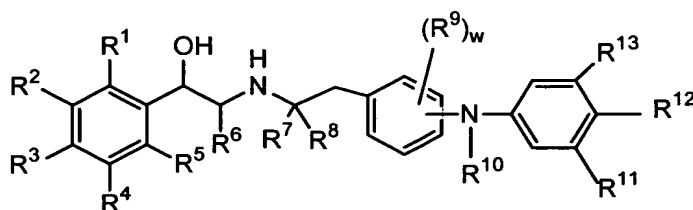


WHAT IS CLAIMED IS:

1. A compound of formula (I):



(I)

5 wherein:

each of  $R^1$ - $R^5$  is independently selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, and  $R^a$ ;

or  $R^1$  and  $R^2$ ,  $R^2$  and  $R^3$ ,  $R^3$  and  $R^4$ , or  $R^4$  and  $R^5$  are joined together to form a group selected from the group consisting of  $-C(R^d)=C(R^d)C(=O)NR^d$ -,

10  $-CR^dR^d-CR^dR^d-C(=O)NR^d$ -,  $-NR^dC(=O)C(R^d)=C(R^d)$ -,  $-NR^dC(=O)CR^dR^d-CR^dR^d$ -,  $-NR^dC(=O)S$ -,  $-SC(=O)NR^d$ -,  $-(CR^dR^d)_p$ -,  $-S(CR^dR^d)_q$ -,  $-(CR^dR^d)_qS$ -,  $-S(CR^dR^d)_rO$ -,  $-O(CR^dR^d)_rS$ -, and  $-NHC(R^j)=C(R^k)$ -;

$R^6$  is hydrogen, alkyl, or alkoxy;

$R^7$  is hydrogen or alkyl;

15  $R^8$  is hydrogen or alkyl; or  $R^8$  together with  $R^9$  is  $-CH_2-$  or  $-CH_2CH_2-$ ;

$R^9$  is independently selected from the group consisting of alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, and  $R^a$ , or  $R^9$  together with  $R^8$  is  $-CH_2-$  or  $-CH_2CH_2-$ ;

$R^{10}$  is hydrogen or alkyl;

20 each  $R^{11}$ ,  $R^{12}$ , and  $R^{13}$  is independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heterocyclyl,  $-NO_2$ , halo,  $-NR^dR^e$ ,  $-C(=O)R^d$ ,  $-CO_2R^d$ ,  $-OC(=O)R^d$ ,  $-CN$ ,  $-C(=O)NR^dR^e$ ,  $-NR^dC(=O)R^e$ ,  $-OC(=O)NR^dR^e$ ,  $-NR^dC(=O)OR^e$ ,  $-NR^dC(=O)NR^dR^e$ ,  $-OR^d$ ,  $-S(O)_mR^d$ ,  $-NR^d-NR^d-C(=O)R^d$ ,  $-NR^d-N=CR^dR^d$ ,  $-N(NR^dR^e)R^d$ , and  $-S(O)_2NR^dR^e$ ;

25 or  $R^{11}$  and  $R^{12}$  together with the atoms to which they are attached form a fused benzo ring, which benzo ring can optionally be substituted with 1, 2, 3, or 4  $R^e$ ;

or  $R^{11}$  and  $R^{12}$  together with the atoms to which they are attached form a heterocyclic ring;

wherein for  $R^1$ - $R^6$ ,  $R^9$ , and  $R^{11}$ - $R^{13}$ , each alkyl, alkenyl, and alkynyl is optionally substituted with  $R^m$ , or with 1, 2, 3, or 4 substituents independently selected from  $R^b$ ; for  $R^1$ - $R^6$ ,  $R^9$ , and  $R^{11}$ - $R^{13}$ , each aryl and heteroaryl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^c$ , and for  $R^1$ - $R^6$ ,  $R^9$ , and  $R^{11}$ - $R^{13}$  each

5 cycloalkyl and heterocyclyl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^b$  and  $R^c$ ;

each  $R^a$  is independently  $-OR^d$ ,  $-NO_2$ , halo,  $-S(O)_mR^d$ ,  $-S(O)_2OR^d$ ,  $-S(O)_mNR^dR^e$ ,  $-NR^dR^e$ ,  $-O(CR^fR^g)_nNR^dR^e$ ,  $-C(=O)R^d$ ,  $-CO_2R^d$ ,  $-CO_2(CR^fR^g)_nCONR^dR^e$ ,  $-OC(=O)R^d$ ,  $-CN$ ,  $-C(=O)NR^dR^e$ ,  $-NR^dC(=O)R^e$ ,  $-OC(=O)NR^dR^e$ ,  $-NR^dC(=O)OR^e$ ,  $-NR^dC(=O)NR^dR^e$ ,  
10  $-CR^d(=N-OR^e)$ ,  $-CF_3$ , or  $-OCF_3$ ;

each  $R^b$  is independently  $R^a$ , oxo, or  $=N-OR^e$ ;

each  $R^c$  is independently  $R^a$ , alkyl, alkenyl, or alkynyl; wherein each alkyl, alkenyl and alkynyl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^b$ ;

15 each  $R^d$  and  $R^e$  is independently hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^h$ ; or  $R^d$  and  $R^e$  together with the atoms to which they are attached form a heterocyclic ring having from 5 to 7 ring atoms, wherein the heterocyclic  
20 ring optionally contains 1 or 2 additional heteroatoms independently selected from oxygen, sulfur or nitrogen;

each  $R^f$  and  $R^g$  is independently hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, or heterocyclyl; wherein each alkyl, aryl, heteroaryl, cycloalkyl and heterocyclyl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^h$ ; or  $R^f$  and  $R^g$   
25 together with the carbon atom to which they are attached form a ring having from 5 to 7 ring atoms, wherein the ring optionally contains 1 or 2 heteroatoms independently selected from oxygen, sulfur or nitrogen;

each  $R^h$  is independently halo,  $C_{1-8}$ alkyl,  $C_{1-8}$ alkoxy,  $-S-C_{1-8}$ alkyl, aryl, (aryl)- $C_{1-6}$ alkyl, (aryl)- $C_{1-8}$ alkoxy, heteroaryl, (heteroaryl)- $C_{1-6}$ alkyl, (heteroaryl)- $C_{1-8}$ alkoxy, hydroxy, amino,  $-NHC_{1-6}$ alkyl,  $-N(C_{1-6}alkyl)_2$ ,  $-OC(=O)C_{1-6}alkyl$ ,  $-C(=O)C_{1-6}alkyl$ ,  $-C(=O)OC_{1-6}alkyl$ ,  $-NHC(=O)C_{1-6}alkyl$ ,  $-C(=O)NHC_{1-6}alkyl$ , carboxy, nitro,  $-CN$ , or  $-CF_3$ ;

$R^j$  and  $R^k$  together with the carbon atoms to which they are attached form a phenyl ring that is optionally substituted with 1, 2, 3, or 4  $R^c$ ;

each  $R^m$  is independently aryl, heteroaryl, cycloalkyl or heterocyclyl; wherein each aryl or heteroaryl is optionally substituted with 1, 2, 3, or 4 substituents selected from the group consisting of  $R^c$ , and wherein each cycloalkyl and heterocyclyl is optionally substituted with 1, 2, 3, or 4 substituents selected from  $R^b$ ;

$m$  is 0, 1, or 2;

$n$  is 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10;

$p$  is 3, 4, or 5;

$q$  is 2, 3, or 4;

$r$  is 1, 2, or 3; and

$w$  is 0, 1, 2, 3, or 4;

or a pharmaceutically-acceptable salt or solvate or stereoisomer thereof.

2. The compound of claim 1 wherein  $R^6$ ,  $R^8$ , and  $R^{10}$  are each hydrogen; and  $w$  is 0, 1, or 2.

3. The compound of claim 1 wherein each of  $R^1$ - $R^4$  is independently selected from the group consisting of hydrogen, fluoro, chloro, amino, hydroxy, *N,N*-dimethylaminocarbonyloxy,  $-\text{CH}_2\text{OH}$ , and  $-\text{NHCHO}$ , and  $R^5$  is hydrogen; or  $R^1$  is hydrogen,  $R^2$  is hydrogen,  $R^3$  is hydroxy, and  $R^4$  and  $R^5$  together are  $-\text{NHC}(=\text{O})\text{CH}=\text{CH}-$  or  $-\text{SC}(=\text{O})\text{NH}-$ .

4. The compound of claim 1 wherein  $R^1$  is hydrogen;  $R^2$  is hydrogen;  $R^3$  is hydroxy;  $R^4$  is  $-\text{CH}_2\text{OH}$ ; and  $R^5$  is hydrogen.

5. The compound of claim 1 wherein  $R^1$  is hydrogen;  $R^2$  is hydrogen;  $R^3$  is hydroxy;  $R^4$  is  $-\text{NHCHO}$ ; and  $R^5$  is hydrogen.

6. The compound of claim 1 wherein  $R^1$  is hydrogen;  $R^2$  is hydrogen;  $R^3$  is hydroxy; and  $R^4$  and  $R^5$  together are  $-\text{NHC}(=\text{O})\text{CH}=\text{CH}-$ .

7. The compound of claim 1 wherein each of  $R^1$ - $R^5$  is independently selected from the group consisting of hydrogen, alkyl, and  $R^a$ ; wherein each  $R^a$  is independently  $-OR^d$ , halo,  $-NR^dR^e$ ,  $-NR^dC(=O)R^e$ , or  $-OC(=O)NR^dR^e$ ;

5 or  $R^1$  and  $R^2$ , or  $R^4$  and  $R^5$ , are joined together to form a group selected from the group consisting of  $-C(R^d)=C(R^d)C(=O)NR^d$ -,  $-CR^dR^d-CR^dR^d-C(=O)NR^d$ -,  $-NR^dC(=O)C(R^d)=C(R^d)$ -,  $-NR^dC(=O)CR^dR^d-CR^dR^d$ -,  $-NR^dC(=O)S$ -, and  $-SC(=O)NR^d$ -,  $R^6$ ,  $R^8$ , and  $R^{10}$  are each hydrogen;

each of  $R^{11}$  and  $R^{12}$  is independently selected from the group consisting of  
10 hydrogen, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heterocyclyl,  $-NO_2$ , halo,  $-NR^dR^e$ ,  $-CO_2R^d$ ,  $-OC(=O)R^d$ ,  $-CN$ ,  $-C(=O)NR^dR^e$ ,  $-NR^dC(=O)R^e$ ,  $-OR^d$ ,  $-S(O)_mR^d$ ,  $-NR^d-NR^d-C(=O)R^d$ ,  $-NR^d-N=CR^dR^d$ ,  $-N(NR^dR^e)R^d$ , and  $-S(O)_2NR^dR^e$ ;

wherein for  $R^1$ - $R^5$ ,  $R^{11}$ , and  $R^{12}$ , each alkyl is optionally substituted with  $R^m$ , or with 1, 2, 3, or 4 substituents independently selected from  $R^b$ ; for  $R^{11}$  and  $R^{12}$ , each aryl  
15 and heteroaryl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^c$ , and for  $R^{11}$  and  $R^{12}$ , each cycloalkyl and heterocyclyl is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^b$  and  $R^c$ ;

$R^{13}$  is hydrogen;

the group comprising  $-NR^{10}$  is meta or para to the group comprising  $R^7$ ; and  
20 w is 0, 1, or 2.

8. The compound of claim 7 wherein each of  $R^{11}$  and  $R^{12}$  is independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heterocyclyl,  $-OR^d$ ,  $-S(O)_mR^d$ , and  $-S(O)_2NR^dR^e$ ; wherein each alkyl is optionally substituted with 1 or 2  
25 substituents independently selected from  $R^b$ , each aryl is optionally substituted with 1 or 2 substituents independently selected from  $R^c$ , and each heterocyclyl is optionally substituted with 1 or 2 substituents independently selected from  $R^b$  and  $R^c$ ; and m is 0 or 2.

30 9. The compound of claim 8 wherein:

$R^7$  is hydrogen;

each of  $R^{11}$  and  $R^{12}$  is independently selected from the group consisting of hydrogen,  $C_{1-6}$ alkyl, cyclohexyl, phenyl, pyrazolinyl,  $-OR^d$ ,  $-S(O)_mR^d$ , and  $-S(O)_2NR^dR^e$ ;

w is 0; and

$R^d$  and  $R^e$  are independently selected from the group consisting of hydrogen,  $C_{1-6}$ alkyl, phenyl,  $-CF_3$ , and  $C_{1-3}$ alkyl, pyridyl, thiazolyl, pyrimidinyl, and pyrazolinyl, wherein each phenyl is optionally substituted with 1 or 2 substituents independently  
5 selected from halo,  $-CF_3$ , and  $C_{1-3}$ alkyl, each pyrimidinyl is optionally substituted with 1 or 2 substituents independently selected from  $C_{1-3}$ alkyl and  $OC_{1-3}$ alkyl, and each pyrazolinyl is optionally substituted with 1 or 2 substituents independently selected from  $C_{1-3}$ alkyl and carboxy; or

$R^d$  and  $R^e$ , together with the nitrogen atom to which they are attached are  
10 morpholino or piperidino.

10. The compound of claim 8 wherein  $R^{11}$  is  $-SR^d$  and  $R^{12}$  is hydrogen, or  $R^{11}$  is hydrogen and  $R^{12}$  is  $-SR^d$ , wherein:

$R^d$  is selected from the group consisting of alkyl, aryl, and heteroaryl; wherein  
15 each alkyl, aryl, or heteroaryl, is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^h$ .

11. The compound of claim 9 wherein  $R^{11}$  is  $-SR^d$  and  $R^{12}$  is hydrogen, or  $R^{11}$  is hydrogen and  $R^{12}$  is  $-SR^d$ , wherein:

$R^d$  is selected from the group consisting of  $C_{1-3}$ alkyl, phenyl, and pyrimidinyl, wherein each phenyl is optionally substituted with 1 or 2 substituents independently  
20 selected from halo and  $C_{1-3}$ alkyl, and each pyrimidinyl is optionally substituted with  $C_{1-3}$ alkyl.

25 12. The compound of claim 8 wherein  $R^{11}$  is  $-S(O)_2NR^dR^e$  and  $R^{12}$  is hydrogen or alkyl, or  $R^{11}$  is hydrogen or alkyl and  $R^{12}$  is  $-S(O)_2NR^dR^e$ , wherein:

$R^d$  is alkyl, aryl, or heteroaryl; and  $R^e$  is hydrogen, alkyl, aryl, or heteroaryl; wherein each alkyl, aryl, or heteroaryl, is optionally substituted with 1, 2, 3, or 4  
substituents independently selected from  $R^h$ ;

30 or  $R^d$  and  $R^e$  together with the nitrogen atom to which they are attached form a heterocyclic ring having from 5 to 7 ring atoms, wherein the heterocyclic ring optionally contains 1 or 2 additional heteroatoms independently selected from oxygen, sulfur and nitrogen.

13. The compound of claim 9 wherein  $R^{11}$  is  $-S(O)_2NR^dR^e$  and  $R^{12}$  is hydrogen or alkyl, or  $R^{11}$  is hydrogen or alkyl and  $R^{12}$  is  $-S(O)_2NR^dR^e$ , wherein:

$R^d$  and  $R^e$  are independently selected from the group consisting of hydrogen,  
5  $C_{1-3}$ alkyl, phenyl, pyridyl, thiazolyl, and pyrimidinyl, wherein each phenyl is optionally substituted with 1 substituent selected from halo and  $C_{1-3}$ alkyl, and each pyrimidinyl is optionally substituted with 1 substituent selected from  $C_{1-3}$ alkyl and  $OC_{1-3}$ alkyl; or

$R^d$  and  $R^e$ , together with the nitrogen atom to which they are attached are morpholino or piperidino.

10

14. The compound of claim 8 wherein  $R^{11}$  is  $-SO_2R^d$  and  $R^{12}$  is hydrogen or alkyl, or  $R^{11}$  is hydrogen or alkyl and  $R^{12}$  is  $-SO_2R^d$ , wherein  $R^d$  is alkyl, aryl, or heteroaryl, wherein each alkyl, aryl, or heteroaryl, is optionally substituted with 1, 2, 3, or 4 substituents independently selected from  $R^h$ .

15

15. The compound of claim 9 wherein  $R^{11}$  is  $-SO_2R^d$  and  $R^{12}$  is hydrogen, or  $R^{11}$  is hydrogen and  $R^{12}$  is  $-SO_2R^d$ , wherein  $R^d$  is  $C_{1-3}$ alkyl or phenyl, wherein each phenyl is optionally substituted with 1 substituent selected from halo and  $C_{1-3}$ alkyl.

20

16. The compound of claim 8 wherein  $R^{11}$  is  $-OR^d$  and  $R^{12}$  is hydrogen, or  $R^{11}$  is hydrogen and  $R^{12}$  is  $-OR^d$  wherein  $R^d$  is alkyl, optionally substituted with 1, 2, 3, or 4 halo substituents and also optionally substituted with 1 or 2 phenyl substituents.

25

17. The compound of claim 9 wherein  $R^{11}$  is  $-OR^d$  and  $R^{12}$  is hydrogen or  $-OR^d$ ; or  $R^{11}$  is hydrogen and  $R^{12}$  is  $-OR^d$ , wherein  $R^d$  is  $C_{1-3}$ alkyl.

30

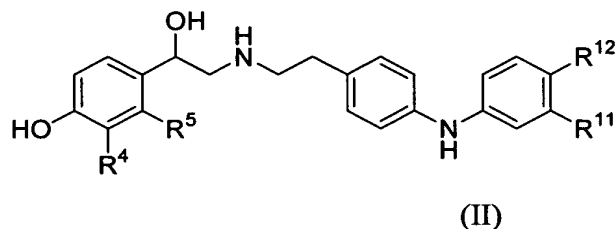
18. The compound of claim 8 wherein one of  $R^{11}$  and  $R^{12}$  is alkyl and the other of  $R^{11}$  and  $R^{12}$  is selected from the group consisting of hydrogen, alkyl, cycloalkyl, and hydroxy, wherein each alkyl is optionally substituted with aryl, with 1, 2, 3, or 4 halo, or with 1 or 2 -O-alkyl substituents.

19. The compound of claim 9 wherein  $R^{11}$  is  $C_{1-3}$ alkyl and  $R^{12}$  is hydrogen or  $C_{1-3}$ alkyl; or  $R^{11}$  is cyclohexane and  $R^{12}$  is hydroxy.

20. The compound of claim 7 wherein  $R^{11}$  is phenyl, optionally substituted with 1, 2, 3, or 4 alkyl,  $-OR^d$ ,  $-NO_2$ , halo,  $-NR^dR^e$ ,  $-C(=O)R^d$ ,  $-CO_2R^d$ ,  $-OC(=O)R^d$ ,  $-CN$ ,  $-C(=O)NR^dR^e$ ,  $-NR^dC(=O)R^e$ ,  $-OC(=O)NR^dR^e$ ,  $-NR^dC(=O)OR^e$ ,  $-NR^dC(=O)NR^dR^e$ ,  $-CR^d(=N-OR^e)$ ,  $-CF_3$ , or  $-OCF_3$ ; and  $R^{12}$  is selected from the group consisting of hydrogen and -O-alkyl, optionally substituted with aryl, or with 1, 2, 3, or 4 halo.

21. The compound of claim 9 wherein  $R^{11}$  is hydrogen or phenyl and  $R^{12}$  is  $-OC_{1-3}alkyl$ ; or  $R^{11}$  is phenyl and  $R^{12}$  is hydrogen.

22. A compound of formula (II):



wherein:

$R^4$  is  $-CH_2OH$  or  $-NHCHO$  and  $R^5$  is hydrogen; or  $R^4$  and  $R^5$  taken together are  $-NHC(=O)CH=CH-$ ;

$R^{11}$  is phenyl or heteroaryl, wherein each phenyl is optionally substituted with 1 or 2 substituents selected from halo,  $-OR^d$ ,  $-CN$ ,  $-NO_2$ ,  $-SO_2R^d$ ,  $-C(=O)R^d$ ,  $-C(=O)NR^dR^e$ , and  $C_{1-3}alkyl$ , wherein  $C_{1-3}alkyl$  is optionally substituted with 1 or 2 substituents selected from carboxy, hydroxy, and amino, and each  $R^d$  and  $R^e$  is independently hydrogen or  $C_{1-3}alkyl$ ; and wherein each heteroaryl is optionally substituted with 1 or 2  $C_{1-3}alkyl$  substituents; and

$R^{12}$  is hydrogen or  $-OC_{1-6}alkyl$ ;

or a pharmaceutically-acceptable salt or solvate or stereoisomer thereof.

23. The compound of claim 22 wherein  $R^{11}$  is phenyl, optionally substituted with 1 substituent selected from halo,  $-OR^d$ ,  $-CN$ ,  $-NO_2$ ,  $-SO_2R^d$ ,  $-C(=O)R^d$ , and  $C_{1-3}alkyl$ , wherein  $C_{1-3}alkyl$  is optionally substituted with 1 or 2 substituents selected from carboxy, hydroxy, and amino, and  $R^d$  is hydrogen or  $C_{1-3}alkyl$ .

24. The compound of claim 22 wherein R<sup>11</sup> is pyridyl, thiophenyl, furanyl, pyrrolyl, isoxazolyl, or indolyl, each of which is optionally substituted with 1 or 2 C<sub>1-3</sub>alkyl substituents.

5 25. The compound of claim 22 wherein R<sup>11</sup> is phenyl, pyridyl, or thiophenyl, wherein each phenyl is optionally substituted with 1 substituent selected from the group consisting of chloro, -OCH<sub>3</sub>, -CN, and -CH<sub>2</sub>NH<sub>2</sub>; and R<sup>12</sup> is hydrogen, -OCH<sub>3</sub>, or -OC<sub>2</sub>H<sub>5</sub>.

10 26. The compound of claim 25 wherein R<sup>4</sup> and R<sup>5</sup> taken together are -NHC(=O)CH=CH-; R<sup>11</sup> is phenyl or pyridyl, wherein each phenyl is optionally substituted with 1 substituent selected from the group consisting of chloro, -OCH<sub>3</sub>, -CN, and -CH<sub>2</sub>NH<sub>2</sub>; and R<sup>12</sup> is -OCH<sub>3</sub>.

15 27. The compound of claim 22 wherein the compound is a mixture of stereoisomers wherein the amount of the stereoisomer having the (*R*) orientation at the chiral center to which the hydroxy group is attached is greater than the amount of the stereoisomer having the (*S*) orientation at the chiral center to which the hydroxy group is attached.

20

28. The compound of claim 22 wherein the compound is the stereoisomer having the (*R*) orientation at the chiral center to which the hydroxy group is attached.

29. A compound selected from the group consisting of:

25 *N*-{2-[4-(3-phenyl-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-hydroxymethyl-4-hydroxyphenyl)ethylamine;

*N*-{2-[4-(4-ethoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-hydroxymethyl-4-hydroxyphenyl)ethylamine;

30 *N*-{2-[4-(3-phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-hydroxymethyl-4-hydroxyphenyl)ethylamine;

*N*-{2-[4-(3-phenyl-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;



*N*-{2-[4-(4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-hydroxymethyl-4-hydroxyphenyl)ethylamine;

*N*-{2-[4-(3-phenyl-4-ethoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-hydroxymethyl-4-hydroxyphenyl)ethylamine;

5 *N*-{2-[4-(3-phenyl-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-formamido-4-hydroxyphenyl)ethylamine;

*N*-{2-[4-(4-ethoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-formamido-4-hydroxyphenyl)ethylamine;

10 *N*-{2-[4-(3-phenylphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-formamido-4-hydroxyphenyl)ethylamine;

*N*-{2-[4-(3-phenyl-4-ethoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-formamido-4-hydroxyphenyl)ethylamine;

*N*-{2-[4-(4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(3-formamido-4-hydroxyphenyl)ethylamine;

15 *N*-{2-[4-(4-ethoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-phenylphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

20 *N*-{2-[4-(3-phenyl-4-ethoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(2-chlorophenyl)phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

25 *N*-{2-[4-(3-(2-methoxyphenyl)phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(3-cyanophenyl)phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

30 *N*-{2-[4-(3-(4-aminomethylphenyl)phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(3-chlorophenyl)phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(4-aminomethylphenyl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(3-cyanophenyl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

5        *N*-{2-[4-(3-(4-hydroxyphenyl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(3-pyridyl)phenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

10       *N*-{2-[4-(3-(3-pyridyl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(4-pyridyl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

*N*-{2-[4-(3-(thiophen-3-yl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine; and

15       *N*-{2-[4-(3-(3-chlorophenyl)-4-methoxyphenyl)aminophenyl]ethyl}-(*R*)-2-hydroxy-2-(8-hydroxy-2(1*H*)-quinolinon-5-yl)ethylamine;

or a pharmaceutically-acceptable salt or solvate or stereoisomer thereof.

30.       A pharmaceutical composition comprising a therapeutically effective  
20       amount of a compound of claims 1, 7, 22, or 25 and a pharmaceutically-acceptable carrier.

31.       The pharmaceutical composition of claim 30, wherein the composition is formulated for administration by inhalation.

25       32.       The pharmaceutical composition of claim 30, wherein the composition further comprises a therapeutically effective amount of a steroidal anti-inflammatory agent.

33.       The pharmaceutical composition of claim 30, wherein the composition  
30       further comprises a therapeutically effective amount of a compound selected from the group consisting of a muscarinic receptor antagonist agent, a phosphodiesterase inhibitor agent, an immunoglobulin antibody, a leukotriene antagonist agent, a cytokine antagonist

agent, a protease inhibitor, cromolyn sodium, nedocromil sodium, and sodium cromoglycate.

34. A method of treating a disease or condition in a mammal associated with  
5  $\beta_2$  adrenergic receptor activity, the method comprising administering to the mammal, a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically-acceptable carrier.

35. The method of claim 34 wherein the disease or condition is a pulmonary  
10 disease.

36. The method of claim 35 wherein the pulmonary disease is asthma or chronic obstructive pulmonary disease.

37. The method of claim 34 wherein the disease or condition is selected from  
15 the group consisting of pre-term labor, neurological disorders, cardiac disorders, and inflammation.

38. The method of claim 34 further comprising administering a therapeutically  
20 effective amount of a steroidal anti-inflammatory agent.

39. The method of claim 34 further comprising administering a therapeutically effective amount of a compound selected from the group consisting of a muscarinic receptor antagonist agent, a phosphodiesterase inhibitor agent, an immunoglobulin  
25 antibody, a leukotriene antagonist agent, a cytokine antagonist agent, a protease inhibitor, cromolyn sodium, nedocromil sodium, and sodium cromoglycate.

40. A method of modulating the activity of a  $\beta_2$  adrenergic receptor, the method comprising contacting a  $\beta_2$  adrenergic receptor with a modulating amount of a  
30 compound as described in claim 1.